

## Table ENG-6. - Sanitary Facilities

Charles City County, Virginia

The information in this table indicates the dominant soil condition, but does not eliminate the need for onsite investigation. The numbers in the value column range from 0.01 to 1.00. The larger the value, the greater the potential limitation. Limiting features in this report are limited to the top 5 limitations. Additional limitations may exist.

Map Symbol and Soil Name	Pct of Map Unit	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
1A:							
Altavista	80	Very limited Depth to saturated zone Seepage	1.00  1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.86
Tomotley		Not Rated		Not Rated		Not Rated	
2A:							
Augusta	80	Very limited Depth to saturated zone Too Sandy	1.00  1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone Too Sandy	1.00  0.50
Tomotley		Not Rated		Not Rated		Not Rated	
3A:							
Bethera	80	Very limited Depth to saturated zone Ponding Too clayey	1.00  1.00 0.50	Very limited Depth to saturated zone Ponding	1.00  1.00	Very limited Depth to saturated zone Ponding Too clayey	1.00  1.00 0.50
4A:							
Bibb	80	Very limited Flooding Depth to saturated zone	1.00  1.00	Very limited Flooding Depth to saturated zone	1.00  1.00	Very limited Depth to saturated zone	1.00
5A:							
Bojac	80	Very limited Depth to saturated zone Seepage Too Sandy	1.00  1.00 1.00	Very limited Depth to saturated zone Seepage	1.00  1.00	Very limited Seepage Too Sandy	1.00 0.50
5B:							
Bojac	80	Very limited Depth to saturated zone Seepage Too Sandy	1.00  1.00 1.00	Very limited Depth to saturated zone Seepage	1.00  1.00	Very limited Seepage Too Sandy	1.00 0.50
6B:							
Caroline	80	Very limited Depth to saturated zone Too clayey	1.00  1.00	Very limited Depth to saturated zone	1.00	Very limited Too clayey	1.00

# Table ENG-6. - Sanitary Facilities - Continued

Charles City County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
7B:							
Caroline	50	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Too clayey	1.00
		Too clayey	1.00				
Emporia	30	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Too clayey	1.00
		Too clayey	1.00				
7C:							
Caroline	50	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Too clayey	1.00
		Too clayey	1.00				
Emporia	30	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Too clayey	1.00
		Too clayey	1.00				
8B:							
Catpoint	80	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Seepage	1.00
		Seepage	1.00	Seepage	1.00	Too Sandy	0.50
		Too Sandy	1.00				
Nimmo		Not Rated		Not Rated		Not Rated	
9A:							
Chickahominy	80	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Too clayey	1.00			Too clayey	1.00
10A:							
Chickahominy	80	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Too clayey	1.00	Ponding	1.00	Too clayey	1.00
		Ponding	1.00			Ponding	1.00
11B:							
Conetoe	80	Very limited		Very limited		Very limited	
		Seepage	1.00	Seepage	1.00	Too Sandy	1.00
		Too Sandy	1.00			Seepage	1.00

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Map Symbol and Soil Name	Pct of Map Unit	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
12B:							
Craven	80	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Too clayey	1.00
		Too clayey	1.00			Depth to saturated zone	0.47
13C3:							
Craven	80	Very limited		Very limited		Somewhat limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.47
		Seepage	1.00	Seepage	1.00	Seepage	0.16
14B:							
Craven	55	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Too clayey	1.00
		Too clayey	1.00			Depth to saturated zone	0.47
Caroline	25	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Too clayey	1.00
		Too clayey	1.00				
15C3:							
Craven	55	Very limited		Very limited		Somewhat limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.47
		Seepage	1.00	Seepage	1.00	Seepage	0.16
Caroline	25	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Too clayey	1.00
		Too clayey	1.00				
16C:							
Craven	50	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Too clayey	1.00
		Too clayey	1.00			Depth to saturated zone	0.47
Remlik	30	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Seepage	1.00
		Seepage	1.00	Seepage	1.00		
17C:							
Craven	40	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Too clayey	1.00
		Too clayey	1.00			Depth to saturated zone	0.47

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Map Symbol and Soil Name	Pct of Map Unit	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
17C: Uchee	40	Very limited Depth to saturated zone Too clayey	1.00  0.50	Very limited Depth to saturated zone Seepage	1.00  1.00	Somewhat limited Hard to compact	0.50
18A: Dogue	80	Very limited Depth to saturated zone Too clayey	1.00  1.00	Very limited Depth to saturated zone	1.00	Very limited Too clayey Depth to saturated zone	1.00 0.68
18B: Dogue	80	Very limited Depth to saturated zone Too clayey	1.00  1.00	Very limited Depth to saturated zone	1.00	Very limited Too clayey Depth to saturated zone	1.00 0.68
18C: Dogue	80	Very limited Depth to saturated zone Too clayey	1.00  1.00	Very limited Depth to saturated zone	1.00	Very limited Too clayey Depth to saturated zone	1.00 0.68
19A: Dragston	80	Very limited Depth to saturated zone Seepage Too Sandy	1.00  1.00 1.00	Very limited Depth to saturated zone Seepage	1.00  1.00	Very limited Too Sandy Seepage Depth to saturated zone	1.00 1.00 0.96
Nimmo		Not Rated		Not Rated		Not Rated	
20B: Emporia	80	Very limited Depth to saturated zone Too clayey	1.00  1.00	Very limited Depth to saturated zone	1.00	Very limited Too clayey	1.00
21B: Emporia	80	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Not limited	
22B: Emporia	80	Very limited Depth to saturated zone Too clayey	1.00  1.00	Very limited Depth to saturated zone	1.00	Very limited Too clayey	1.00
23B:							

# Table ENG-6. - Sanitary Facilities - Continued

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Map Symbol and Soil Name	Pct of Map Unit	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
23B:							
Emporia	50	Very limited Depth to saturated zone Too clayey	1.00  1.00	Very limited Depth to saturated zone	1.00	Very limited Too clayey	1.00
Kempsville	30	Not limited		Very limited Seepage	1.00	Somewhat limited Seepage	0.50
24B:							
Izagora	80	Very limited Depth to saturated zone Too clayey	1.00  0.50	Very limited Depth to saturated zone	1.00	Somewhat limited Too clayey Depth to saturated zone	0.50 0.47
25B:							
Kempsville	80	Not limited		Very limited Seepage	1.00	Somewhat limited Seepage	0.50
26A:							
Lawnes	80	Very limited Flooding Depth to saturated zone Ponding	1.00 1.00 1.00	Very limited Flooding Ponding Depth to saturated zone	1.00 1.00 1.00	Very limited Ponding Depth to saturated zone	1.00 1.00
27B:							
Masada	80	Very limited Too clayey	1.00	Not limited		Very limited Too clayey	1.00
28B3:							
Masada	80	Very limited Too clayey	1.00	Not limited		Very limited Too clayey	1.00
29A:							
Mattan	80	Very limited Flooding Depth to saturated zone Ponding	1.00 1.00 1.00	Very limited Flooding Ponding Depth to saturated zone	1.00 1.00 1.00	Very limited Ponding Depth to saturated zone Too Sandy	1.00 1.00 0.50
30A:							
Munden	80	Very limited Depth to saturated zone Too Sandy Seepage	1.00 1.00 1.00	Very limited Depth to saturated zone Seepage	1.00 1.00	Very limited Seepage Depth to saturated zone Too Sandy	1.00 0.86 0.50
Nimmo		Not Rated		Not Rated		Not Rated	

31A:

# Table ENG-6. - Sanitary Facilities - Continued

Charles City County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
31A:							
Nahunta	80	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.96
WET SPOTS		Not Rated		Not Rated		Not Rated	
32B:							
Nansemond	80	Very limited Depth to saturated zone Too Sandy Seepage	1.00 1.00 1.00	Very limited Depth to saturated zone Seepage	1.00 1.00	Somewhat limited Depth to saturated zone Seepage Too Sandy	0.86 0.50 0.50
WET SPOTS		Not Rated		Not Rated		Not Rated	
33A:							
Nawney	80	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone	1.00
34A:							
Nawney	80	Very limited Depth to saturated zone Ponding	1.00 1.00	Very limited Ponding Depth to saturated zone	1.00 1.00	Very limited Ponding Depth to saturated zone	1.00 1.00
35D:							
Nevarc	45	Very limited Depth to saturated zone Too clayey Seepage	1.00 1.00 1.00	Very limited Depth to saturated zone Slope	1.00 0.84	Very limited Too clayey Slope Depth to saturated zone	1.00 0.84 0.68
Remlik	35	Very limited Depth to saturated zone Seepage Slope	1.00 1.00 0.84	Very limited Depth to saturated zone Seepage Slope	1.00 1.00 0.84	Very limited Seepage Slope	1.00 0.84
35E:							
Nevarc	45	Very limited Depth to saturated zone Slope Too clayey	1.00 1.00 1.00	Very limited Slope Depth to saturated zone	1.00 1.00	Very limited Slope Too clayey Depth to saturated zone	1.00 1.00 0.68

# Table ENG-6. - Sanitary Facilities - Continued

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Map Symbol and Soil Name	Pct of Map Unit	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
35E:							
Remlik	35	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Slope	1.00	Slope	1.00
		Slope	1.00	Depth to saturated zone	1.00	Seepage	1.00
		Seepage	1.00	Seepage	1.00		
35F:							
Nevarc	45	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Slope	1.00	Slope	1.00
		Slope	1.00	Depth to saturated zone	1.00	Too clayey	1.00
		Too clayey	1.00			Depth to saturated zone	0.68
Remlik	35	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Slope	1.00	Slope	1.00
		Slope	1.00	Depth to saturated zone	1.00	Seepage	1.00
		Seepage	1.00	Seepage	1.00		
36A:							
Newflat	80	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Too clayey	1.00
		Too clayey	1.00			Depth to saturated zone	1.00
37A:							
Nimmo	80	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Too Sandy	1.00	Seepage	1.00	Too Sandy	1.00
		Seepage	1.00			Seepage	1.00
WET SPOTS		Not Rated		Not Rated		Not Rated	
38A:							
Pamunkey	80	Very limited		Not limited		Somewhat limited	
		Seepage	1.00			Too clayey	0.50
		Too clayey	0.50				
38B:							
Pamunkey	80	Very limited		Not limited		Somewhat limited	
		Seepage	1.00			Too clayey	0.50
		Too clayey	0.50				
38C:							
Pamunkey	80	Very limited		Not limited		Somewhat limited	
		Seepage	1.00			Too clayey	0.50
		Too clayey	0.50				

# Table ENG-6. - Sanitary Facilities - Continued

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Map Symbol and Soil Name	Pct of Map Unit	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
39A:							
Peawick	80	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Too clayey	1.00
		Too clayey	1.00			Depth to saturated zone	0.68
39B:							
Peawick	80	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Too clayey	1.00
		Too clayey	1.00			Depth to saturated zone	0.68
40A:							
Roanoke	80	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Too clayey	1.00			Too clayey	1.00
		Seepage	1.00				
41A:							
Seabrook	80	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Too Sandy	1.00
		Seepage	1.00	Seepage	1.00	Seepage	1.00
		Too Sandy	1.00			Depth to saturated zone	0.09
42B:							
Slagle	80	Very limited		Very limited		Somewhat limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.68
43B:							
Slagle	45	Very limited		Very limited		Somewhat limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.68
Emporia	35	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Too clayey	1.00
		Too clayey	1.00				
44A:							
Tomotley	80	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
45B:							
Turbeville	80	Somewhat limited		Not limited		Somewhat limited	
		Too clayey	0.50			Too clayey	0.50
						Hard to compact	0.50



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Map Symbol and Soil Name	Pct of Map Unit	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
46B:							
Uchee	80	Very limited		Very limited		Somewhat limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Hard to compact	0.50
		Too clayey	0.50	Seepage	1.00		
47B:							
Udorthents	80	Not Rated		Not Rated		Not Rated	
48B:							
Udorthents	80	Not Rated		Not Rated		Not Rated	
49A:							
Wickham	80	Not limited		Not limited		Not limited	
49B:							
Wickham	80	Not limited		Not limited		Not limited	
50B3:							
Wickham	80	Not limited		Not limited		Not limited	
51A:							
Yeopim	80	Very limited		Very limited		Somewhat limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.68
		Too clayey	0.50			Too clayey	0.50
51B:							
Yeopim	80	Very limited		Very limited		Somewhat limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.68
		Too clayey	0.50			Too clayey	0.50
W:							
Water	100	Not Rated		Not Rated		Not Rated	